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SPECIFICATION SHEET

DATE: MAR.09,98'
NO. : SS98030901

CUSTOMER NAME :
TYPE: HN-GH35GMB TYPE
MODEL NO. : HN-GH12-1632T
CUSTOMER PART NO.:

Jameco Part Number 151440

I. SPECIFICATIONS A :

1. RATED VOLTAGE : DC 12V
2. DC VOLTAGE OPERATING RANGE : DC 4.5-12V
3. TORQUE(LOAD) AT MAXIMUM EFFICIENCY : OVER 2.2Kg-cm
4. STALL TORQUE : OVER 11 Kg-cm
5. NO LOAD SPEED: 69 RPM
6. SPEED AT MAXIMUM EFFICIENCY(UNDER LOAD AT 2.28 Kg-cm) : 57 RPM
7. NO LOAD CURRENT : MAX. 75 mA
8. CURRENT AT MAXIMUM EFFICIENCY(UNDER LOAD AT 2.28 Kg-cm) : MAX. 275 mA
9. SHAFT END PLAY : 0.8 M/M
10. STARTED TORQUE : OVER 11 Kg-cm
11. INSULATION RESISTANCE : 10 M OHM
12. DIELECTRIC STRENGTH : 300V DC
13. MAXIMUM PERCENT EFFICIENCY : 41%
14. DIRECTION OF ROTATION : "CCW" WHEN VIEWED FROM OUTPUT SHAFT SIDE.
15. GEAR RATIO: 100:1

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II. SPECIFICATIONS B :

祥能拐機股份有限公司
HSIANG NENG DC MICRO MOTOR MANUFACTURING CORP.

	轉速 R.P.M.	電流 AMPS	轉矩 Kgcm	效率 Eff.	輸出功率 Wout	輸入功率 Win
無載狀態 No-Loaded	69	0.073	0.00	0.047	0.0	0.9
堵住狀態 Lock	0	1.389	11.72	0.000	0.0	16.3
最大扭力 Max. Torque	0	1.392	12.04	0.000	0.0	16.3
最高效率 Max. Efficiency	57	0.267	2.28	0.411	1.3	3.2
最大輸出功率 Wmax Max. Watt-Output	32	0.779	7.36	0.260	2.4	9.3

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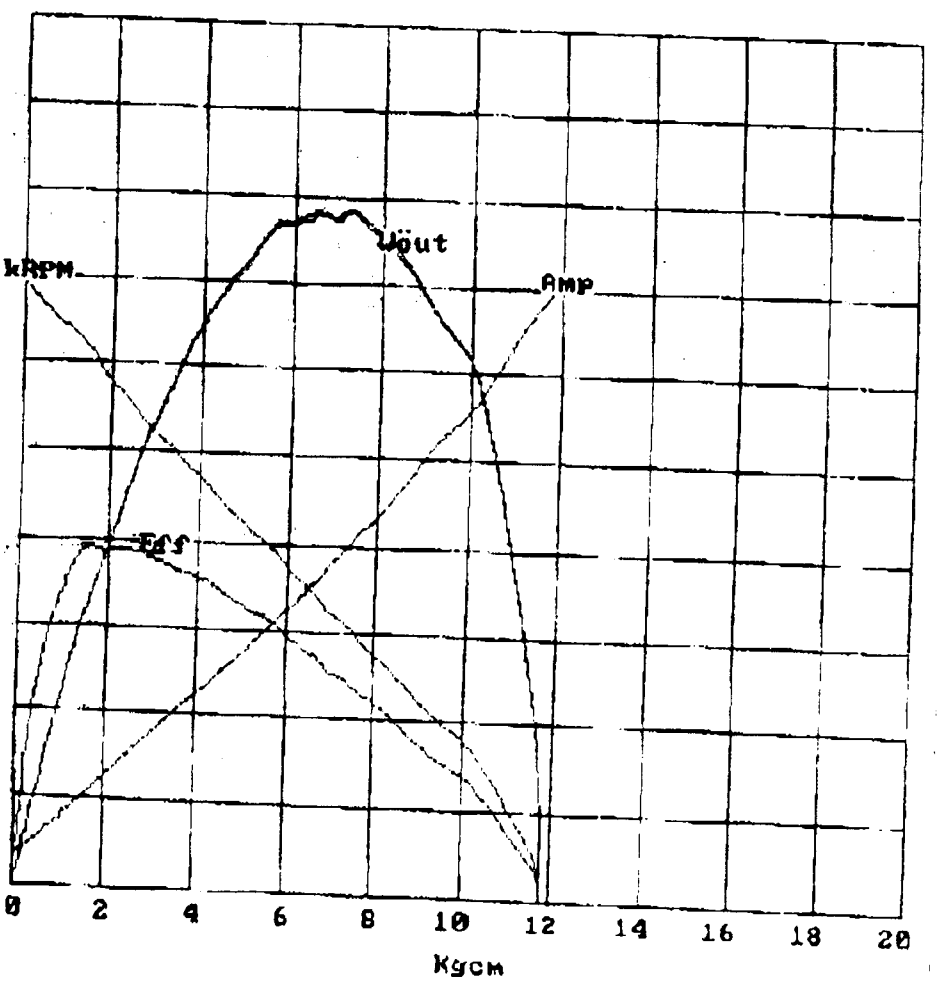
III. CURVE DRAWING :

Wout	Amp	Eff	mHp	kRPM
2.7	1.8	0.9	3.6	.09
2.4	1.6	0.8	3.2	.08
2.1	1.4	0.7	2.8	.07
1.8	1.2	0.6	2.4	.06
1.5	1.0	0.5	2.0	.05
1.2	0.8	0.4	1.6	.04
0.9	0.6	0.3	1.2	.03
0.6	0.4	0.2	0.8	.02
0.3	0.2	0.1	0.4	.01
0.0	0.0	0.0	0.0	.00



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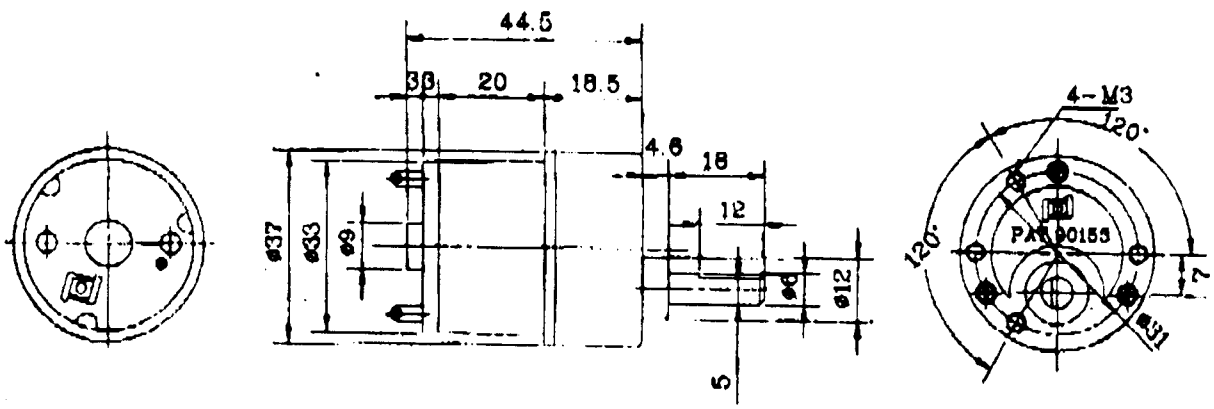
IV. OUTTER DIMENSIONS :



V. GEAR RATIO : 100:1

TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
RATIO	6	10	18	30	50	60	75	90	100	150	180	300	500	810	900	1000	1500	3000
DIM "L" MM	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	24	24	24	24	24	24	24	26	26
EFF %	81	81	73	73	66	66	66	66	66	59	59	59	59	53	53	53	48	48
ALLOWABLE TORQUE kg-cm	0.7	0.7	1.0	1.3	2.3	3	4	4	5	6	6	6	6	6	6	6	6	6